

PROJECT DESCRIPTION

GENERAL
THIS PORTION OF THE PROJECT INVOLVES INSTALLING APS AND COUNTDOWN PEDESTRIAN SIGNALS AT THE INTERSECTION OF US 13 BUSINESS (N. SALISBURY BOULEVARD) AND PRISCILLA STREET IN WICOMICO COUNTY. INVASIVE MICROLOOP PROBES WILL BE INSTALLED FOR SETBACK DETECTION ALONG SB US 13 BUS. US 13 BUS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION
THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR-PHASE, FULL TRAFFIC-ACTUATED MODE. THE EXISTING WESTBOUND RIGHT-TURN OVERLAP AND EXISTING PRE-EMPTION PHASES WILL REMAIN. A SIDE STREET ALTERNATE PEDESTRIAN PHASE IS PROPOSED.

CONTROLLER REQUIREMENTS
THE EXISTING POLE MOUNTED CABINET AND CONTROLLER SHALL REMAIN. THE SHA SIGNAL SHOP WILL INSTALL A 2-WIRE CENTRAL CONTROL UNIT WITHIN THE CABINET.

APS WILL FUNCTION AS FOLLOWS:
TO CROSS NORTH SALISBURY BOULEVARD

- A. WHEN THE PEDESTRIAN LOCATES AND THE PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON MESSAGE WILL BE "WAIT TO CROSS NORTH SALISBURY BOULEVARD AT PRISCILLA STREET".
- B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

THE CONTACT PERSONS FOR DISTRICT #1/00TS ARE AS FOLLOWS:

Mr. Gene Coffell
Assistant District Engineer - Traffic
410-677-4040

Mr. Bruce W. Poole
District Utility Engineer
410-677-4082

Mr. James R. Wright
Assistant District Engineer - Maintenance
410-677-4010

Office Of Traffic & Safety

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

Mr. Robert Snyder
Assistant Division Chief, Traffic Operations
410-787-7630

Mr. Edward Rodenhizer
Team Leader Signal Operations
Phone: 410-787-7650

Mr. Eugene Bailey
Team Leader Sign Operations
410-787-7670

The Power Company Representative is:
Delmarva Power
2530 N Salisbury Blvd.
Salisbury, Maryland
1-800-375-7117

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
973023	2 SF	SHEET ALUMINUM SIGNS: 2 EA - R10-301 (9 IN. x 15 IN.) "PUSH BUTTON TO CROSS N. SALISBURY BLVD"

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

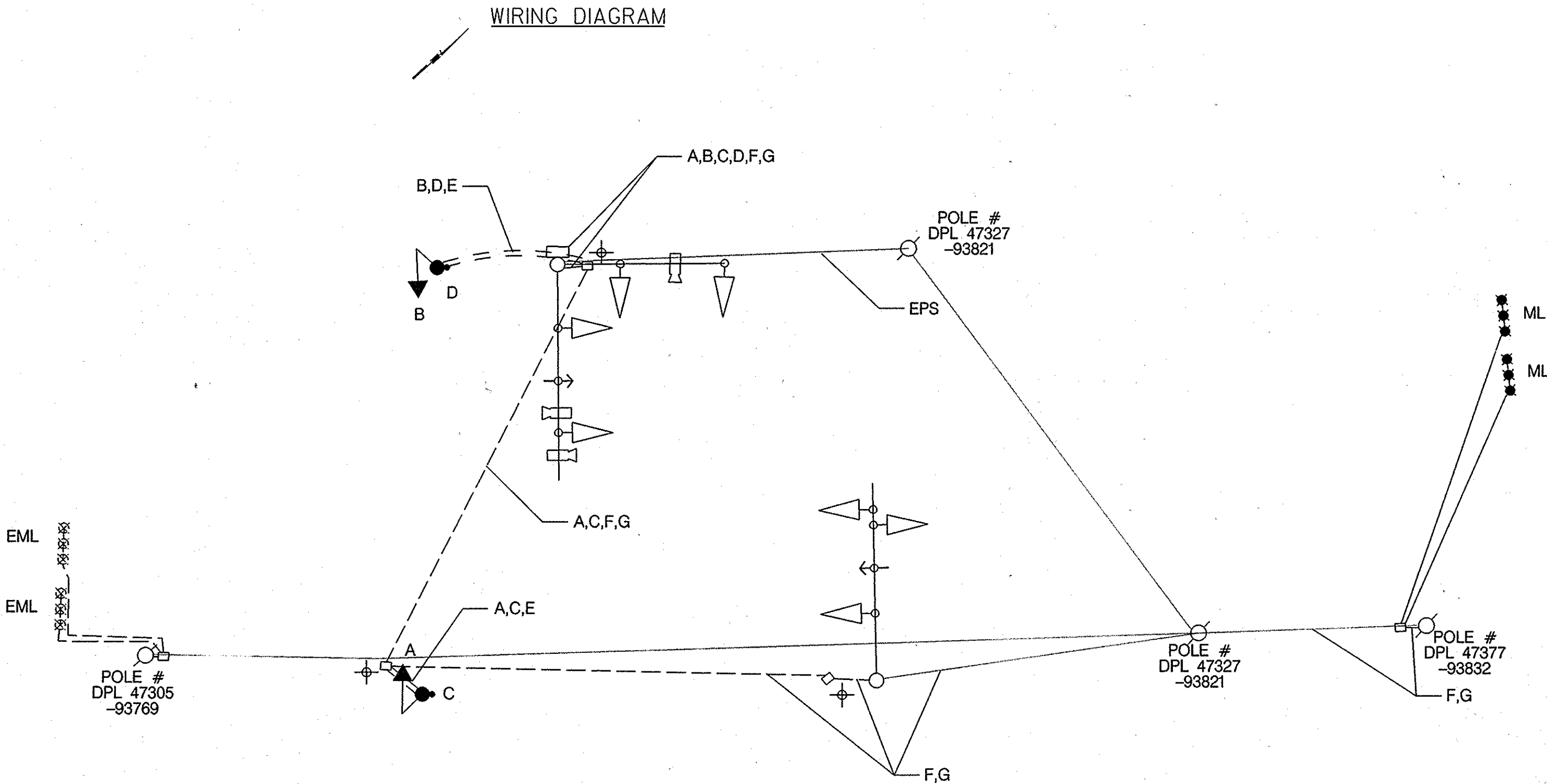
CATEGORY CODE	QUANTITY	DESCRIPTION
203030	2 CY	TEST PIT EXCAVATION
585621	160 LF	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
800000	1 EA	2-WIRE CENTRAL CONTROL UNIT
800000	2 EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON
800000	2 EA	LED 16 INCH COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION - POLE MOUNTED
800000	1 LS	REMOVE AND DISPOSE OF TRAFFIC SIGNAL EQUIPMENT
801004	2 CY	CONCRETE FOR SIGNAL FOUNDATION
802501	50 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
805135	50 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
805160	10 LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
810155	2 EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
813015	2 SF	INSTALL OVERHEAD SIGN
818004	2 EA	10 FOOT BREAKAWAY PEDESTAL POLE
861105	200 LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
861107	200 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
862102	50 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
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NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR



A ELECTRICAL CABLE -
B 5 CONDUCTOR (NO. 14 AWG)

C ELECTRICAL CABLE -
D 2 CONDUCTOR (NO. 14 AWG)

E NO. 6 STRANDED BARE
COPPER GROUND WIRE

F MICROLOOP PROBE - 1000
G 1000 FOOT LEAD IN CABLE

EML-EXISTING INVASIVE MICROLOOP PROBE SET

ML-INVASIVE MICROLOOP PROBE SET

EPS-EXISTING POWER SERVICE

EXISTING GROUND ROD - 3/4 INCH
DIAMETER X 10 FOOT LENGTH.

PHASE CHART

	1	2	3	4	5	6	7	8	9	
	R Y G	R Y G	G Y G	G Y G	R Y G	R Y G	R Y G	DW DW	DW DW	
PHASE 2 AND 5	R	R	G	G	G	R	R	DW	DW	
PHASE 5 CHANGE	R	R	G	G	G	R	R	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	R	R	DW	DW	
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	DW	DW	
PHASE 4	R	R	R	R	R	G	G	DW	DW	
PHASE 4 CHANGE	R	R	R	R	R	Y	Y	DW	DW	
PHASE 4 ALT	R	R	R	R	R	G	G	W	W	
PHASE 4 ALT PED CLEARANCE	R	R	R	R	R	G	G	FL/DW	FL/DW	
PHASE 4 ALT. CHANGE	R	R	R	R	R	Y	Y	DW	DW	
PRE-EMPTION 1	G	G	R	R	R	R	R	DW	DW	
PRE-EMPTION 1 CHANGE	Y	Y	R	R	R	R	R	DW	DW	
PRE-EMPTION 2	R	R	G	G	G	R	R	DW	DW	
PRE-EMPTION 2 CHANGE	R	R	G	G	G	R	R	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK	

STV Incorporated

engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 BUSINESS (N. SALISBURY BLVD.)
AT PRISCILLA STREET
SALISBURY, MARYLAND

GENERAL INFORMATION

SCALE: NONE ADVERTISED DATE: 09/2008 CONTRACT NO. WJ3285374

DESIGNED BY SDY COUNTY WICOMICO

DRAWN BY VGN LOGMILE 22B01306.97

CHECKED BY BAR TMS NO. 1156

F.A.P. NO. SEE TITLE TOD NO.

TS NO. 1905 C-GI DRAWING 5G - 2 OF 6 SHEET NO. OF

PLOTTED: Thursday, September 11, 2008 AT 07:56 AM
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